

PLANTERS VISIT FIELDS OF OAHU

(Continued from page one)

annual meeting, was one of the most interesting and instructive trips ever taken by the organization.

With a demonstration at the Oahu plantation, with Manager E. K. Bull as host, of the Holt caterpillar tractor, a trip with Manager George Renton over the Ewa plantation, where the variety of cane known as H-109 was shown in various stages, and ending at the Waipio sub-station with a lunch and inspection of the work done by its members, the day was filled from beginning to end with many surprises and interesting phases of sugar growing. H. P. Agee, director of the planters' experiment station, arranged the program and the day's inspection.

See Work of Tractors
Leaving the corner of Fort and Merchant streets shortly before 9 o'clock the party, numbering over 50 in 14 machines, reached the Oahu plantation a half hour later. There Manager Bull met and conducted them to the field, where four caterpillar tractors of 18, 35, 45 and 75 horse-power, waited to begin the demonstration. To many present it was a revelation and as the big 45-horse-power tractor rolled over the field dragging three Spalding deep-tilling plows, upon which were seated James Webster of Pepeekeo, John Ross of Hahione and John T. Ho of Onomea handling the levers, the rest followed in the wake and much surprise was expressed at the good work done by the plows and the enormous power shown by the tractors. The latter seemed to give the impression of unlimited force. The demonstration gave also an excellent idea of how the big tanks, used by the English in France, are able to climb over all obstacles and surmount many difficulties.

When the party first arrived a big three-ton truck was stuck in the mud. The little 19-horse-power tractor was hitched on and with seemingly no effort hauled it out.

Many of those present said that the caterpillar tractor had an unlimited future in the cane fields of the Hawaiian Islands. Among these were George Rodiek and E. F. Bishop.

H-109 Cane Studied

From Oahu the party went to Ewa, where a train of cars was waiting and, with Renton in the front car as announcer, a ride through the cane fields was taken. The object of the visit to Ewa was to see the new H-109 cane, which is now considered the best variety, and as the plantation has several other varieties growing, such as D-135, Yellow Caledonia and Lahaina, a good comparison was obtained. The H-109 was so far superior in appearance to all the others in length, thickness of drum, length of joint and color that many declared that it was a fair sample it would soon supplant all others. This cane, which has taken 10 years to bring to its present standard, is fast being planted in place of Lahaina, which seems to be wearing out. Lahaina is one of the oldest varieties now growing on the islands.

Cane Troubles Are Seen

The station resembled a small circus. In the center was a large tent in which was shown the scolia wasp, which has been imported to kill the scolia beetles; next was an exhibit of cane diseases, then all the different varieties of cane grown in the islands, and following that were many kinds of fertilizer, while around the tent pictures were hung illustrating many interesting features of sugar cane growing.

Surrounding the tent were the side shows and these principally showed the advances made during the past year and a number of new by-products which have been developed.

Waste Valuable as Fuel

Probably the exhibit that made the greatest impression was the making of alcohol from final molasses and using it afterwards to run a gas engine. It was in charge of P. S. Burgess, chemist of the experiment station, and Assistant J. T. Moir, Jr., George Hutchinson and F. R. Werthmuller. The manufacture of alcohol from molasses is accomplished by adding five times as much water. The mixture is then inoculated with a pure culture of yeast after having been acidified with sulphuric acid and allowed to ferment three days. This is next condensed by steam and the result is a 65 per cent alcohol. It is later rectified to 95 per cent. The alcohol is 80 per cent of the molasses and the remaining 20 per cent is used as fertilizer. The only adjustment necessary to the engine is on the valves to increase the compression. The engine used Friday ran a cane crusher and feed chopper.

The use of ensilage, or cane tops placed in a pit and fermented and mixed with molasses, as feed for cattle called forth many favorable comments and is considered by many to be the start of another important by-product.

Advice Producing Seedlings

"Grow your own cane seedlings," was another exhibit and was intended to induce the planters to grow seedlings as an aid to the experiment station, which each year brings out from 5000 to 10,000 new plants. By this method, it is hoped, another H-109 may be produced.

There was also an exhibit of paper made from bagasse and the samples shown were certainly an excellent grade of material. Other exhibits were a current meter for measuring ditch water, a patent latch fastener for cane cars, a stool splitting plow, hand plows and various pieces of mill machinery.

Raphael Collins, prominent artist died in Paris.

An American in British Guiana cabled the state department asking who was elected president. He pre-paid a reply of five words.

Planters Visit the Fertile Fields of Ewa



Through the fertile fields of Ewa plantation, as the guests of Manager George F. Renton, the planters yesterday saw many interesting sights, among them the H-109 cane that has come to fame.

BASEBALL GAME TODAY

The All-Americans will meet the Picked Team at Athletic park this afternoon at 3 o'clock. The heavy rains have made the field heavy in spots, but gasoline has been burned on the infield to put it in shape for play. The batteries for today will be Johnson and Elliott for the All-Americans and Hogan and Kan Yen for the Picked Team.

SHRINER TYROS TREAD HOT SANDS

In a combination of variegated costumes that would do credit to Ringling Brothers' traveling circus clowns, 30 novitiates of the Order of the Mystic Shrine pranced out into the rain-swept atmosphere about 1:30 this afternoon to follow the lead and do the bidding of over a hundred red-frozzed Shriners, putting their victims over the "burning sands" preparatory to initiation.

Despite several gusty squalls, many friends and relatives gathered near the Masonic Temple to see "father" come down the stairs, retaining red-tinted and backward in costumes no more than barrels in some cases and in others less. And a great shout of approval went up from the throng when Captain of Police Fred H. Lauka, shame-facedly appeared, wearing the striped denim so common to territorial prisoners and dragging at his foot an immense ball and chain. The suit was made to order and at that it was still too small.

Led by Elephant Daisy, borrowed for the occasion from Kaplan Park and kept in step by the blaring of the Hawaiian Band, the little army marched up Alaheka street, over Beretania to Fort, followed by a shouting, approving, laughing crowd. Down Fort street they went to King, candidates riding the goat, dancing the hula and doing other amusing stunts for the crowd's enjoyment the while. From King street the line of march led to the Palace square, where a short but snappy and well formed drill was given by the Shriners. Later a picture was taken at the Capitol and thence the marchers went back King street, up Bishop, across Hotel to Fort and up to the Skating Rink, where the real initiation of the day takes place. Tonight there will be a banquet for the whole party at the Moana Hotel.

The 20 candidates and their style of costumes are as follows: Joseph J. Pire, William G. Quinn, Carl H. Unholt and Wesley F. Kane (nicknamed the second Villa), all dressed in bright-lined soldier clothes, being all novitiates; Harry M. Delber and Oscar G. Skelton, both surgeons at Fort Shafter, arrayed as nurse-girls with jackets of babies and bottle of tonic; Heinrich A. Schroeder of Hackfeld's, red Mandarin cloak with huge badge from the Emperor of China, with inscription "Eln Held Niti"; R. P. Faithfull and George B. Case, both in red simonies, one riding a goat and the other pushing it; Kenneth D. Marr, in joker suit bearing sign, "I am some architect"; Roy M. Talbott, a tramp musician; Prof. John M. Young, country girl's costume with roguish cheeks and coy little straw hat; John A. McKeown, carrying sign, "I agree with Ashford"; Herbert G. Purcell, skin-tight trainer's suit in case with lov-

SEVEN PROBLEMS ARE SEEN IN HAWAII IN PINKHAM'S REPORT

Using the chart system to convey their force, Governor Pinkham in his report to Washington states seven problems as worthy of special attention. These are population and race; public lands, education, birth rate and increase, business control, commerce and food supply.

"My report will speak for itself," said the governor today when asked if he had any comment to make with his publication.

"It has been for many years a principle of the territorial government to treat all races domiciled in Hawaii on terms of strict equality within the law," says the report.

"One or two nationalities have sought, almost demanded, exceptions

based on numbers and language. This administration believes it has no authority to grant exceptions, and further believes these races have a large percentage of their nationalities competent to qualify and serve their countrymen under the restrictions of law as to language. We cannot adapt our entire governmental system to meet individual cases desiring exceptions."

The report points out that the only hope of increasing the Caucasian population is by introducing occupations other than incidental to agriculture, but such as American standards represented by service folk, and residents and visitors from various parts of the world will demand."

NATIONAL GUARD NOTES

Cornel Hugh McNabb, Company D, is transferred as a private to the Supply Company.

Upon the recommendation of the commanding officer, Company K, Sgt. William K. Apau is returned to the grade of private.

Upon the recommendation of the commanding officer, Company K, Pvt. David L. Desha is appointed sergeant, vice Apau, reduced.

Subject to the approval of the secretary of war, and to future examination, appointments in the Medical Corps, National Guard of the United States and of the Territory of Hawaii, are announced: Dr. Albert T. Roll, to be first lieutenant, with rank from December 5, 1916, assigned to duty with the 2nd Infantry; Dr. Grover A. Batten, to be first lieutenant, with rank from date hereof, assigned to duty with the 1st Infantry; Dr. George C. Millnor, to be first lieutenant, with rank from date hereof, assigned to duty with the 1st Infantry.

Pvt. Harold P. Lewis, Field Company A, Signal Corps, will be discharged by reason of conviction by the civil authorities.

SCHOOL HEADS TO MEET

A meeting of the members of the school commission will meet at 9 o'clock next Monday morning in the offices of the department of public instruction, judiciary building. Discussion of estimates for the school fund for the biennial period beginning January 1, 1918, will consume a greater part of the session. The approximate amount of the estimate, as figured, temporarily, is close to \$680,000.

HEART WEAKNESSES

Are of short duration when Chiropractic adjustments are given to remove the cause. A favorable response is noted from the first adjustment, and in a short time all traces of heart troubles and nerve derangements are absent. Try Chiropractic.

W. C. WEIRICK, D. C.
Graduate, Palmer School of Chiropractic (Parent School).
424 Beretania Street.

F. C. MIGHTON, D. C.
Former Director of Clinic
Portland College of Chiropractic
204-205 Boston Bldg., Over May's

GOVERNOR CALLS FOR 'TEAM-WORK'

(Continued from page one)

ing with the federal war and navy departments in presently preparing for the accommodations that will be required for the great expansion contemplated by the government of the United States of America.

"It remains to be seen if the local citizens will meet, in a broad and patriotic manner, their national share of the necessary provisions. While it is a delicate point to state, this territory, and particularly the island of Oahu, will be great financial beneficiaries in the enormous expenditures necessary for national and local defense. This fact should efface every selfish, quibbling attitude.

"The finances of the territory are in a satisfactory condition and resources and credit ample for sound, progressive improvements."

Thus does the governor conclude his introduction and foreword, having summed up previously in it the general conditions of the year.

"Our agricultural products remain as before," says the report under date of August 31. "While efforts to diversify and render the islands more self-sustaining continue, no material advance can be noted. The imports of food stuffs for human consumption was \$7,813,359 against \$8,739,609, the difference of \$926,250 being accounted for in the falling off of \$1,228,844 in bread stuffs imported. There is known to be an acute shortage in flour supply on hand, hence the difference is made up from depletion of normal stocks.

"Sugar exported for the year totaled 558,544 tons valued at \$54,409,585, and pineapples were valued at \$6,883,765 or a total for these two products of \$61,293,350 against a value last fiscal year of \$59,272,129. Other principal products totaled: Coffee, \$418,604; hides, \$259,823; rice, \$144,120; bananas, \$209,026.

"The territory has enjoyed unusual prosperity and there has been a disposition, quite generally, to concede a share of its benefits to productive labor.

"The assessable property of the territory totals \$206,970,229 as of January 1, 1916, as against \$176,901,232 as of January 1, 1915, and discloses prosperity in the increase of \$30,069,007.

"The total commercial bank deposits, as of December 31, 1915, were \$17,317,339.40 and savings bank deposits as of June 30, 1916, were \$9,061,910.28, both aggregating \$26,379,249.68 as against a total of \$20,114,610.85 the previous year, which increase of \$6,264,638.83 is another evidence of prosperity."

The report shows that the bonded debt now stands at \$3,024,000, a decrease of \$100,000 during the year. Bonds amounting to \$1,750,000 were refunded at 4 per cent interest.

School accommodations have been very materially added to, says the report, and will be fully provided to meet the rapid increase of pupils, now numbering 20,205 in the public and 7741 in the private schools, a total of 27,946 or an increase of 1378.

Attention is called to "an unusual condition of education in the territory," relative to the double schooling of Japanese.

"Our recognized schools are the public schools and private schools," the report explains, "whose curriculum corresponds with those of the public schools and thus the course of study coordinates. On this basis we find Japanese pupils in the public schools numbering 12,564 and in private schools 2156, or a total of 14,720. The Japanese people, however, with the cooperation of their consulate, maintain schools that their children may become familiar with the Japanese language, literature, etc., and recently, it is claimed, to assist in a better conception by them of things American. These schools have not been classified as private schools because they do not coordinate in the courses of study. The Japanese school sessions are held before and after public school session hours. The pupils in these Japanese schools number 11,216, while those in the public schools number 12,564."

Alleging desertion, Teresa Williams has filed in circuit court a suit for divorce from Frank Williams.

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ALWAYS USE
STEARNS' ELECTRIC PASTE**
U. S. Government Buys It
SOLD EVERYWHERE—25c and \$1.00

**HOLDING CASH ON
BURGLARY CHARGE**

Charles Cash, Hawaiian, indicted by the territorial grand jury Friday, pleaded not guilty in Circuit Judge Ashford's court today to a charge of second degree burglary. It is alleged he entered a house on October 21 and stole a suitcase and watch. Bail was fixed at \$250 and the case will go to trial at 9 o'clock next Tuesday morning.

AUTO ACCIDENT; NONE HURT

The unexpected happened when Pvt. Ralph Johnson of Fort Kamehameha turned the wheel of a car which he was driving Friday afternoon at the corner of Puuloa and Moanalua roads. He got no response. The steering mechanism had broken and before he could stop the machine crashed into a store, running over and crushing to splinters several benches on the porch en route. No one was hurt nor was the machine badly smashed.

PREPARE FOR CARNIVAL

Several cottages are under the course of construction at the Seaside hotel, and are expected to be completed by Carnival time. These cottages will have four rooms each with connecting bath. A. P. Taylor, secretary of the Hawaii Promotion Committee, said today that a number of cottages would be erected before the Carnival period began.

WHAT WILL YOU HAVE FOR DESSERT?

Something cool, dainty and refreshing—
Make it a dish of

**RAWLEY'S
Pure Ice Cream**

In Bulk or Neapolitan bricks.
Order now, before you forget.

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**LOVE'S
CREAM
for . . . BREAD**

At the instance of City Attorney A. M. Brown, the case of Ah Yet, Chinese, was nolle prossed in Circuit Judge Ashford's court today for want of sufficient evidence. Ah Yet was convicted of a charge of permitting his property to be used for gambling purposes.

A demurrer by the government to an action for alleged debt brought against it by Kananakua, Hawaiian, has been sustained in federal court.

**Xmas
Shoppers**

Remember that we have a
fine line of Holiday Goods
and specialize on

TOYS

Bring the Children

and let them delight among the Toy Automobiles, Express Wagons, Tricycles, Stoves, Balls, Baby Carriages, Doll Beds, Musical Toys, Horns, Drums, and many other toys.

Trains in all sizes, from \$1.75 to \$4.25.

Teddy Bears, from 75c to \$2.75.

Our general line is Hardware and Household Goods, Sporting Goods, Household Paint, Silverware, Crockery, Glassware, Cut Glass, Aluminumware, Agateware, Tinware, Wood Stoves, Blue Flame Oil Stoves, Flashlights, Refrigerators, Garden Hose, Lawn Mowers, Lamps, Electric Irons, Thermos Bottles, Go-Carts, Tools, Etc.

Our Special Offer

For One Week Only, from Dec. 11th to Dec. 16th, we will give away absolutely free:

With \$10.00 purchase in our general line, \$1.00 worth of toys.

With \$25.00 purchase in our general line, \$2.50 worth of toys.

With \$50.00 purchase in our general line, \$5.00 worth of toys.

With \$100.00 purchase in our general line, \$10.00 worth of toys.

City Hardware Co.

Store Open Evenings Until Xmas

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